FIGURE 1

IFNγ Secretion from NK cells
co-stimulated with IL-12
Donor 253, n = 4 ± SD
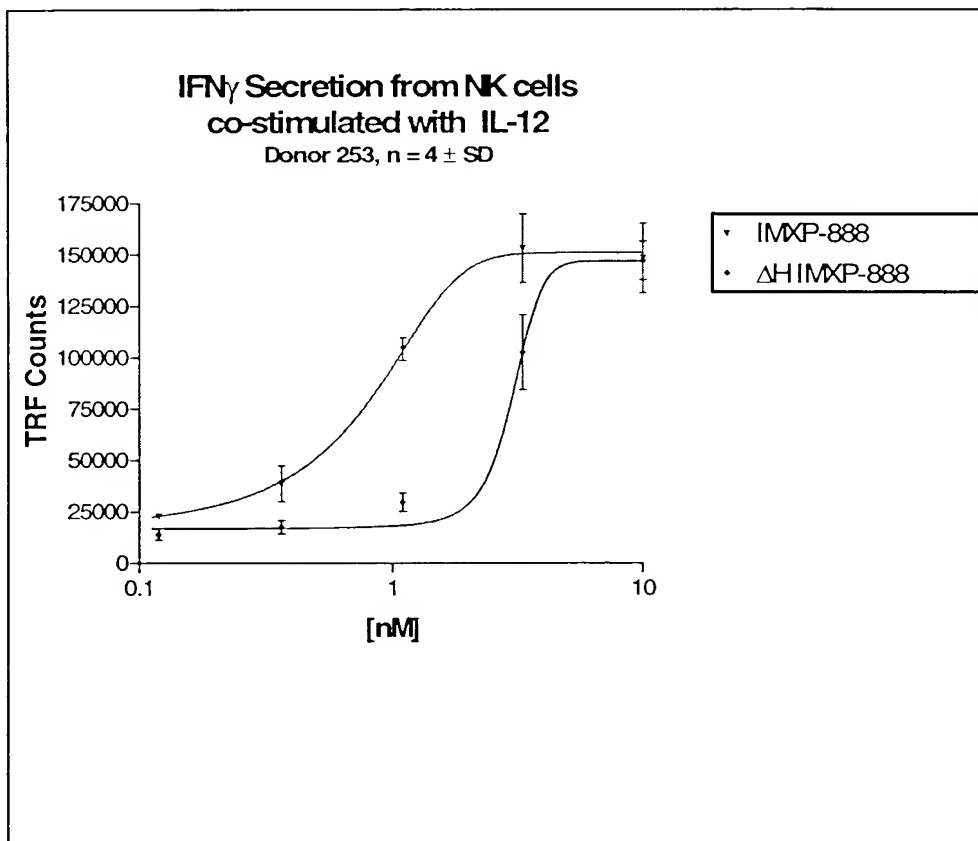
mumlsa3935c7.pep x mumlsa3935c2.pep (Murine splice variants)

```
  1 MTRSPALLLLLLGALPSAEAARGPPRMADKVVPRQVARLGRTVRLQCPVE  50
    | | | | | | | | | | | | | | | | | | | | | | | |
  1 MTRSPALLLLLLGALPSAEAAR.............................  22
                                   .
                                   .
                                   .
                                   .

101 FGSLSVNYTLIIMDDISPGKESPGPGGSSGGQEDPASQQWARPRFTQPSK 150
                | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 23 ............DDISPGKESPGPGGSSGGQEDPASQQWARPRFTQPSK  59

151 MRRRVIARPVGSSVRLKCVASGHPRPDIMWMKDDQTLTHLEASEHRKKKW 200
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
 60 MRRRVIARPVGSSVRLKCVASGHPRPDIMWMKDDQTLTHLEASEHRKKKW 109

201 TLSLKNLKPEDSGKYTCRVSNKAGAINATYKVDVIQRTRSKPVLTGTHPV 250
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
110 TLSLKNLKPEDSGKYTCRVSNKAGAINATYKVDVIQRTRSKPVLTGTHPV 159

251 NTTVDFGGTTSFQCKVRSDVKPVIQWLKRVEYGSEGRHNSTIDVGGQKFV 300
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
160 NTTVDFGGTTSFQCKVRSDVKPVIQWLKRVEYGSEGRHNSTIDVGGQKFV 209

301 VLPTGDVWSRPDGSYLNKLLISRARQDDAGMYICLGANTMGYSFRSAFLT 350
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
210 VLPTGDVWSRPDGSYLNKLLISRARQDDAGMYICLGANTMGYSFRSAFLT 259

351 VLPDPKPPGPPMASSSSSTSLPWPVVIGIPAGAVFILGTVLLWLCQTKKK 400
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
260 VLPDPKPPGPPMASSSSSTSLPWPVVIGIPAGAVFILGTVLLWLCQTKKK 309

401 PCAPASTLPVPGHRPPGTSRERSGDKDLPSLAVGICEEHGSAMAPQHILA 450
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
310 PCAPASTLPVPGHRPPGTSRERSGDKDLPSLAVGICEEHGSAMAPQHILA 359

451 SGSTAGPKLYPKLYTDVHTHTHTHTCTHTLSCGGQGSSTPACPLSVLNTA 500
    | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
360 SGSTAGPKLYPKLYTDVHTHTHTHTCTHTLSCGGQGSSTPACPLSVLNTA 409

501 NLQALCPEVGIWGPRQQVGRIENNGGRVS 529
    | | | | | | | | | | | | | | | | | | | | | | | | | | | |
410 NLQALCPEVGIWGPRQQVGRIENNGGRVS 438
```

FIGURE 2

```
Mouse:   1   MTRSPALLLL----LGALPSAEAARGPPRMADKVVPRQVARLGRTVRLQCPVEGDPPPL    56
             || ||||       |||  || ||||+|||||||||||||||||||||||||||||||
Human:   1   MTPSPLLLLLLPPLLLGAFPPAAAARGPPKMADKVVPRQVARLGRTVRLQCPVEGDPPPL    60

Mouse:  57   TMWTKDGRTIHSGWSRFRVLPQGLKVKEVEAEDAGVYVCKATNGFGSLSVNYTLIMDDI    116
             ||||||||||||||||||||||||+|| ||| |||||||||||||||||||||++|||
Human:  61   TMWTKDGRTIHSGWSRFRVLPQGLKVKQVEREDAGVYVCKATNGFGSLSVNYTLVVLDDI    120

Mouse: 117   SPGKESPGPGGSSGGQEDPASQQWARPRFTQPSKMRRRVIARPVGSSVRLKCVASGHPRP    176
             ||||||| |||||||||||||||||||||||||||||||||||||||||||||||||||
Human: 121   SPGKESLGPDSSSGGQEDPASQQWARPRFTQPSKMRRRVIARPVGSSVRLKCVASGHPRP    180

Mouse: 177   DIMWMKDDQTLTHLEASEHRKKKWTLSLKNLKPEDSGKYTCRVSNKAGAINATYKVDVIQ    236
             ||| ||||| |    |||+|||||||||||||+||||||||||||||||||||||||||
Human: 181   DITWMKDDQALTRPEAAEPRKKKWTLSLKNLRPEDSGKYTCRVSNRAGAINATYKVDVIQ    240

Mouse: 237   RTRSKPVLTGTHPVNTTVDFGGTTSFQCKVRSDVKPVIQWLKRVEYGSEGRHNSTIDVGG    296
             ||||||||||||||||||||||||||||||||||||||||||||||+|||||||||||||
Human: 241   RTRSKPVLTGTHPVNTTVDFGGTTSFQCKVRSDVKPVIQWLKRVEYGAEGRHNSTIDVGG    300

Mouse: 297   QKFVVLPTGDVWSRPDGSYLNKLLISRARQDDAGMYICLGANTMGYSFRSAFLTVLPDPK    356
             |||||||||||||||||||||||||+||||||||||||||||||||||||||||||||||
Human: 301   QKFVVLPTGDVWSRPDGSYLNKLLITRARQDDAGMYICLGANTMGYSFRSAFLTVLPDPK    360

Mouse: 357   PPGPPMASSSSTSLPWPVVIGIPAGAVFILGTVLLWLCQTKKKPCAPASTLPVPGHRPP    416
             ||||||| ||| |||||||||||||||||||||||||||+ | |   +|||||||||||
Human: 361   PPGPPVASSSSATSLPWPVVIGIPAGAVFILGTLLLWLCQAQKKPCTPAPAPPLPGHRPP    420

Mouse: 417   GTSRERSGDKDLPSLA------VGICEEHGSAMAPQHILASGSTAGPKLYPKLYTDVHT    469
             |+|+|||||||| |||       ||+||||| |   +|||||||||||||||||+||
Human: 421   GTARDRSGDKDLPSLAALSAGPGVGLCEEHGSPAAPQHLLGPGPVAGPKLYPKLYTDIHT    480

Mouse: 470   HTHTHTCTHTLSCGGQGSSTPACPLSVLNTA NLQALCPEVGIWGPRQQVGRIENNGGRVS    529   (SEQ ID NO:1)
             |||||+ ||+
Human: 481   HTHTHSHTHSHVEGKVHQHIHYQC    504   (SEQ ID NO:3)
```

FIGURE 3